

Network Action Proposal

Title:	Models of Thought Workshop
Membership number(s)	130 & 196
Member name(s)	Brendan Wallace Alastair Ross
Member institute/company name(s)	University of Glasgow
Goals of the action	<p>The concept of 'models' plays an important part in post-cognitive psychology. However, their specific role is at present under-specified. What, precisely, is a 'model'? Are there different kinds (i.e. qualitative and quantitative?) If so, which is the best for modelling human conscious behaviour? How does the concept of a 'model' relate to the concept of a 'law' i.e. a 'scientific law' and does post-cognitivist psychology need this concept anyway? Does the concept of a model include the use of robotics 'to model human actions'?</p> <p>This proposed action is aimed looking at this state of affairs, in an attempt to clarify how these different views are related, and thereby improve our understanding of post-cognitivist methodologies.</p> <p>The one-day interdisciplinary workshop will be centred on the disciplines covered by euCognition.</p> <p>The proposed workshop will also create a forum for interaction in order to foster future collaborations between psychologists, philosophers, roboticists and artificial life researchers in an attempt to create a mutually beneficial dialogue on the subject of methodologies in all these fields.</p> <p>Workshop title: Models of Thought: the scope and role of 'modelling' in post-cognitivist science: clarifications of concepts and the scope of modelling cognitive behaviours within cognitive science, AI and Artificial Life (AL).</p> <p>Topics:</p> <p>Modelling, Cognition and Context.</p> <ul style="list-style-type: none"> • Formulating basic research questions: <ul style="list-style-type: none"> ○ What should be the methodology or methodologies of a genuine post-cognitivist psychology? ○ How to approach cognitive systems research? ○ What theories, paradigms, methods and methodologies are (not) suited to this enterprise and for what reasons? • What should the basic unit of analysis be in post-cognitivism? The individual, or the 'system'? <ul style="list-style-type: none"> ○ What is the ontological status of the notion of "system"? • How should we move forward in terms of integrating 'mainstream' psychology with new directions in AI and AL? <p>Invited speakers:</p> <p>Prof. Mike Wheeler (http://www.philosophy.stir.ac.uk/staff/m-wheeler/wheeler-page.php)</p>

	and Prof. Susan Stuart (http://www.gla.ac.uk/departments/philosophy/Personnel/susan/)
Principal activity to which it contributes <ul style="list-style-type: none"> o Community Outreach o Scientific Outlook o Education & Training 	Scientific Training
Concrete outcomes of the action (at least one of which should be material suitable for publication on the euCognition website)	Proceedings with presentation materials and abstracts or full papers available online Cognition Briefing pages
Effort in person-days that will be charged to the Network Action (if any)	
Expected start and duration in months	20 th February 2008, 21 st February 2008.
The requested funding, under the following headings: <ul style="list-style-type: none"> o Travel Costs o Other Costs (check with the Network Coordinator if you aren't sure about eligibility of these costs) o Labour Costs (identify the number of person-days and the rate per day). 	<p>Travelling Expenses:</p> <p>Return flights for Edinburgh to Munich for the invited guest speakers and the two conference organizers: 576 Euros (144 x 4).</p> <p>Accommodation:</p> <p>288 Euros. (One night's accommodation for two guest speakers plus organizers).</p> <p>Venue Hire: 1610 Euros (Price quoted from Municon Conference Centre, venue hire plus beverages).</p> <p>Total: 2474 Euros</p>

Please identify any other sources of funding that contribute to this Action (actions to support events such as workshop and conferences should include an outline budget identifying the total cost)

Note: this is the total amount of funding available. Apart from invited speakers and event organizers (Dr Brendan Wallace and Dr Alastair Ross), all other attendees will have to claim their own costs from their respective institutions or else pay their own fare.